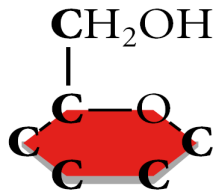
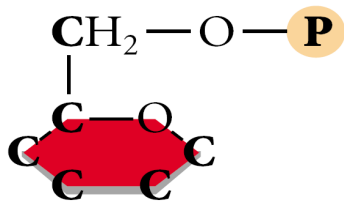


Glucose*

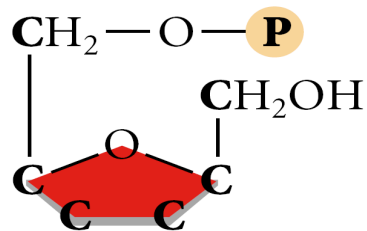


Glucose



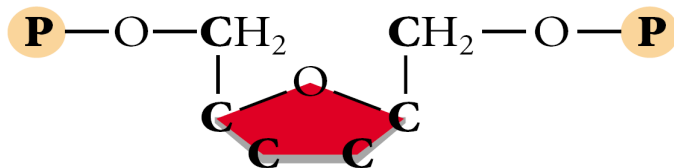
glucose 6-phosphate

Glucose is phosphorylated by ATP.



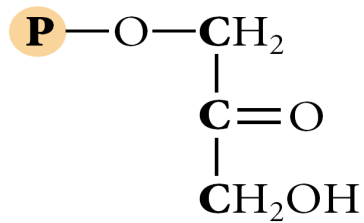
fructose 6-phosphate

Rearrangement of chemical structure occurs to produce an isomer.



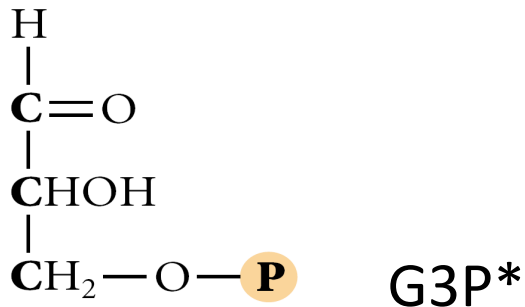
Fructose 1,6-biphosphate

ATP adds a phosphate group.

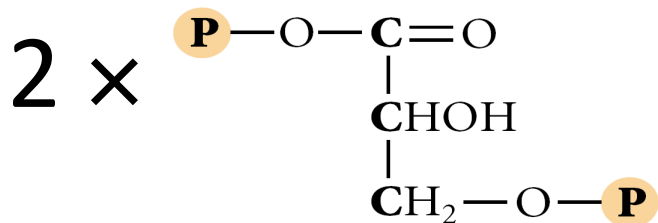


DHAP*

Fructose 1,6-biphosphate splits to DHAP and G3P.

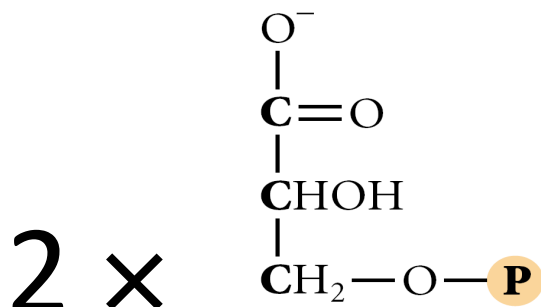


Fructose 1,6-biphosphate splits to DHAP and G3P.



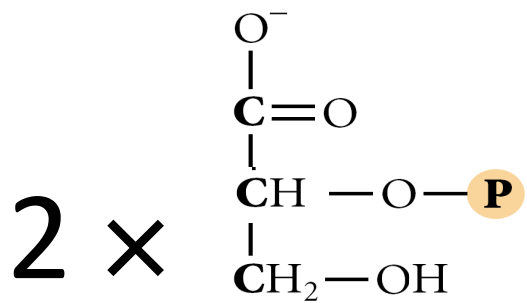
1, 3 - biphosphoglycerate

Phosphate group added to G3P.
NAD⁺ is reduced to NADH.



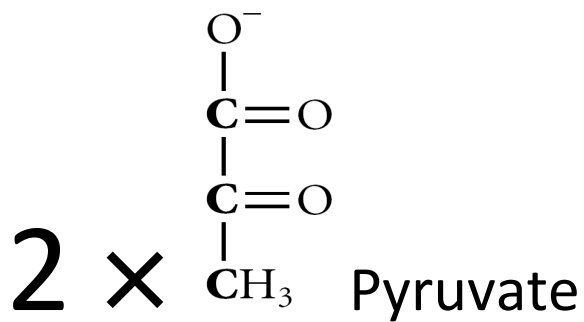
3-phosphoglycerate

Phosphate group is added to ADP to produce ATP.



2-phosphoglycerate

Rearrangement of chemical structure occurs to produce an isomer.



Phosphate group is added to ADP to produce ATP.